MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

JE/Work 0147-16-000004 P:1037
T.S.No 82/DD/S3/15-16 dt 4-1-2016
Bill No 2nd & Part

M. A. R. 57 (Rule 116)
Measurement Book

No. B 415221

Serial No. .....

Name of Work Constructn and Repairs to Culverts in Bagalagunte W.W.14 From .....

Name of Contractor of nature of Agency ..N. Shivanand S/o Late Venkappa Naik, Age 35 yrs, Occ: Contractor, R/o Bagalagunte.

Date of commencement of work W.O. No: 82/DD/31/15-16 dt. 24.3.2016.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Earth work excavation by manual means in ordinary soil in trenches (Trenches for pipe culverts, 2 mtrs wide and average depth 0.50 mts) Excavated soil to be thrown on one side in the form of bunds of uniform height, clearing the surface of the ground of grass and bushes, cutting the roots etc., as per Sketch attached with estimate vide Dno 41528/1/1 Plus 10%				0.80 m/a	123.12 Cum	9900/-
2	Providing and laying in position cement concrete 1:4:8 mix using 40 mm nominal size granite stone aggregate (Stone metal should be hard, durable, clean and free from dust and soft particles) Coarse sand 0.85 cum and fine aggregate 0.57 cum (Measurements should be taken before laying the concrete) Curing the work for 21 days and thereafter as directed by the Engineer in charge.					185 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cost of all materials labour etc, present survey work pro 4153812					18.56 Cu	87232/-
	files &c			~~0.1856~~			
				0.4720/4			
3	Construction of grading Granite Stone Stone masonry in foundation in cement mortar 1:6 Stones hammer dressed in Country not less than 20 cms thick and Stones at 2m apart in each course including cost of all materials labour Curing making complete						
	28th Cm Rajakuli	2	6.50	0.70	0.60	5.46	
	2nd Cm Bara ready kuli	2	6.00	0.70	0.60	6.72	
	8th Cm Hareenur Cross	2	6.00	0.70	0.60	5.04	
	5th Cm munchanavara	2	7.00	~~0.70~~	~~0.60~~	5.88	
	1st Main manjunatha layout	2	6.50	0.70	0.60	5.46	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 415222

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vijaya Stone School road manjunatha layout Belvadar marabagilu Brindavan Extension road	2	6.00	0.70	0.60	5.04	
		2	5.50	0.70	0.60	4.62	
		2	5.50	0.70	0.60	4.62	
		2	5.25	0.70	0.60	4.41	
		2	6.50	0.45	0.45	2.63	
		2	8.00	0.45	0.45	3.24	
		2	6.00	0.45	0.45	2.43	
		2	7.00	0.45	0.45	2.83	
		2	6.50	0.45	0.45	2.63	
		2	6.00	0.45	0.45	2.63	
		2	5.50	0.45	0.45	2.22	
		2	5.50	0.45	0.45	2.22	
		2	5.25	0.45	0.45	2.12	25711/-
				0.3900/4		70.03 Cu	

21/bill.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4	providing reinforced provision to exposed RCC work 132 mm deep after providing joints to depth of 20 mm including mixing cost of materials labour charges complete						
		2	6.50	0.60	—	7.80	
		2	8.00	0.60	—	9.60	
		2	6.00	0.60	—	7.20	
		2	7.00	0.60	—	8.40	
		2	6.50	0.60	—	7.80	
		2	6.00	0.60	—	7.20	
		2	5.50	0.60	—	6.60	
		2	5.50	0.60	—	6.60	
		2	5.25	0.60	—	6.30	
						67.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 415223

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5	providing and casting in situ M20 grade concrete for vertical surfaces of beams, columns, partition walls & shear walls including all materials, labour charges complete						
		1	6.50	1.00	—	6.50	
		1	8.00	1.00	—	8.00	
		1	6.00	1.00	—	6.00	
		1	7.00	1.00	—	7.00	
		1	6.50	1.00	—	6.50	
		1	6.00	1.00	—	6.00	
		1	5.50	1.00	—	5.50	
		1	5.50	1.00	—	5.50	
		1	5.50	1.00	—	5.50	
		1	5.25	1.00	—	5.25	
						56.25	16837

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6	providing and laying in position Pre-Cast M 220 kg/cm² 20mm aggregate and graded stone metal 0.84 cum and fine aggregate 0.056 cum including curing complete in layer not exceeding 15cm thick as per plinth in cement concrete including all complete						
		2	6.50	0.45	0.10	0.58	
		2	8.00	0.45	0.10	0.72	
		2	6.00	0.45	0.10	0.54	
		2	7.00	0.45	0.10	0.63	
		2	6.50	0.45	0.10	0.58	
		2	6.00	0.45	0.10	0.54	
		2	5.50	0.45	0.10	0.49	
		2	5.50	0.45	0.10	0.49	
		2	5.25	0.45	0.10	0.47	
						5.00	28887
				0.5300	cum/cy		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 415224

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7	providing and laying in position P.C.C. (mix M 1:2:4) with graded stone metal coarse aggregate 0.055 cum and fine aggregate 0.055 cum including curing complete in layer not exceeding 15cm thick as per plinth and lintel beam slab						20mm
		1	6.50	1.90	0.30	3.70	
		1	8.00	1.90	0.30	4.56	
		1	6.00	1.90	0.30	3.42	
		1	7.00	1.90	0.30	3.99	
		1	6.50	1.90	0.30	3.70	
		1	6.00	1.90	0.30	3.42	
		1	5.50	1.90	0.30	3.13	
		1	5.50	1.90	0.30	3.13	
		1	5.25	1.90	0.30	2.99	
		2	6.50	1.90	0.30	7.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	E.E. (D.D.) 21/6/16.	2	8-00	1-00	0-30	4.80	
		2	6-00	1-00	0-30	3.60	
		2	7-00	1-00	0-30	4.20	
		2	6-50	1-00	0-30	3.90	
		2	6-00	1-00	0-30	3.60	
		2	5-50	1-00	0-30	3.30	
		2	5-50	1-00	0-30	3.20	229054
		2	5-50	1-00	0-30	3.15	
		2	5.25	1-00		65.81 Cy.	
				SD work			
8	providing T.M.T. Steel reinforcement for RCC work including placing in position cutting bending and tying wherever required complete as per drawings and specifications and as directed by the Engineer-in-charge. Item No 415282 to 415283 @ 6105.00/-					5.20 Cy	32733/-
	6						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 415225

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	The Executive Engineer 24/6/16						
9	Disposal of debris after demolition by the Engineer in charge by hand including loading unloading and stacking at the dumping site as directed by the Engineer in charge. Item No 1		@ 82 w/cy			123.5 Cy 1014/-	
	Certificate: (1) Unconditional Satisfaction (2) There are no dispatches (3) Contractor has filed all declaration					Total —	1066942 1066936 = 00
							20/6/2016

24/6/16.

MEASUREMENT BOOK

Date	Description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Audited and admitted for Rs. 106926=00

Passed by Cheque for Rs. 98895=00

(.....

.....

by adjustment Rs. 7831=00

Accounts Superintendent

Exe. Engineer

Asst. / Dy. / A.E.E.